Solar Awards Presentation
July 17, 2007

Solar Awards Intent is to Promote:

- Reduced fossil fuels consumption
- Efficient use of energy resources
- Aesthetically integrate systems into project and building designs

2010 Million Solar Roofs Partnership Goals

USA: 1 Million systems

County-wide goal: 750

2010 City goal: at least 375 of those, as many high performing & aesthetically integrated as possible

- Illustrated Design Guidelines
- Annual Solar Design Recognition Program
- Clear Building & Safety requirements
- Approvals over-the-counter as standard
- Consider mandating solar installations in some circumstances

Goal is to move from:

"Good for them for being environmental, but that look is not for me."

To:

"Solar is for me, my friends and my neighbors. It works great for our environment and looks good too."

Solar Packets

Design Guidelines and Recognition Programs:

- (Active) Solar Energy Systems
- Passive Solar

Other Handouts:

- Go Solar Brochure (co-branded w/ CEC)
- Building & Safety Permit Submittal Requirements
- References & Resources

Solar Energy Systems
Design Guidelines & Award Program

1. Technologies
2. New Construction and Reroofing
3. Guidelines:
   - Standard: Not Publicly Visible
   - Design Challenge: Publicly Visible
   - Special Challenge: Mission Tile, Historic District, Commercial Systems
4. Recognition Program Checklist

Awards include:

Active: Photovoltaics and Solar Thermal as well as **Passive** Solar projects

Active Solar Award Categories

1. Standard: *Not Publicly Visible*
   - Ideal Site: 85%+ efficiency & not publicly visible
   - Flat Roof System: ex: panel angled at 5 degrees or less
2. Design Challenge: *Publicly Visible*
   - Building Integrated Technology
   - Carefully Designed and Mounted Panel System
3. Special Challenge
   - Mission Tile
   - Historic District
   - Commercial Systems

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Award Plaques and Certificates

- 18 projects: award certificates for contractors & property owners; projects consistent with guidelines
- 15 projects: award plaques for property owners & certificates for contractors; projects best exemplifying each category

Plaques by Brian Chandler, local solar artist

Slide 10

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The award plaques were created by Brian Chandler, a local artist who uses a magnifying glass to burn images onto wood using the sun's heat. Mr. Chandler hopes his artwork will inspire others to become more familiar with solar energy and to "take Earth conscious action." Mr. Chandler's work and outlook coordinate well with the goals of the Solar Energy System Award program.

Certificates to be handed out by staff to recipients in Room 15 after plaques presentation

hbaker, 7/15/2007

Active Solar — Category 1
Not Publicly Visible: Ideal Site

59 El Arco Way

Owner: Kathleen Hurley

Contractor: REC Solar

Active Solar — Category 1
Not Publicly Visible: Ideal Site

1339 Rialto

Owner: John C. & Karen C. Jostes

Contractor: R & M Technologies

Active Solar — Category 1
Not Publicly Visible: Ideal Site

1555 Las Canoas
4.8 kW

Owner: William & Nyna Mahan

Contractor: R & M Technologies

Active Solar Design Challenge: Category 1 Building Integrated Tech.

2981 Cliff Drive

Owner: South Coast Watershed Resource Center / Community Environmental Council

Active Solar Design Challenge: Careful Design

Category 1

213 Los Alamos

Owner: Lorraine Sutton Cestone

Contractor: Real Goods

Active Solar Category 1
Design Challenge: Careful Design

266 Canon

Owner: Lila Trachtenbert & George Handler

Contractor: The Solar Energy Co.

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Active Solar Design Challenge: Careful Design

Category 1

1568 La Coronilla

9.36 kw

Owner: Angus & Cristal Cooke

Contractor: Solar Electrical Systems

Active Solar Category 1
Design Challenge: Careful Design

3066 Marilyn

Owner: Margot Roseman

Contractor: REC Solar

Active Solar Special Challenge:

Category 1 Mission-Style Roof

315 West Carrillo

Owner: Housing Authority of the City of Santa Barbara

Contractor: REC Solar

Active Solar Category 1
Special Challenge: Mission-Style Roof

1042 Las Alturas

Owner: Alan Jay & Ruthann Heeger Trustees

Contractor: The Solar Energy Co.

Active Solar Category 1
Special Challenge: Historic Structure

2327 Oak Park

Owner: Amylyn Ne & Ivan Girling

Contractor: CA Solar Electric

Active Solar Special Challenge: Commercial System

Category 1

34 West Mission

Owner: Peter Becker

Contractor: R&M Technologies

Passive Solar

125 West Mountain Drive

Owner: David & Maria Berry

Architect: Richard Starnes

Passive Solar

3047 Paseo Del Refugio

Owner: Bill Doering

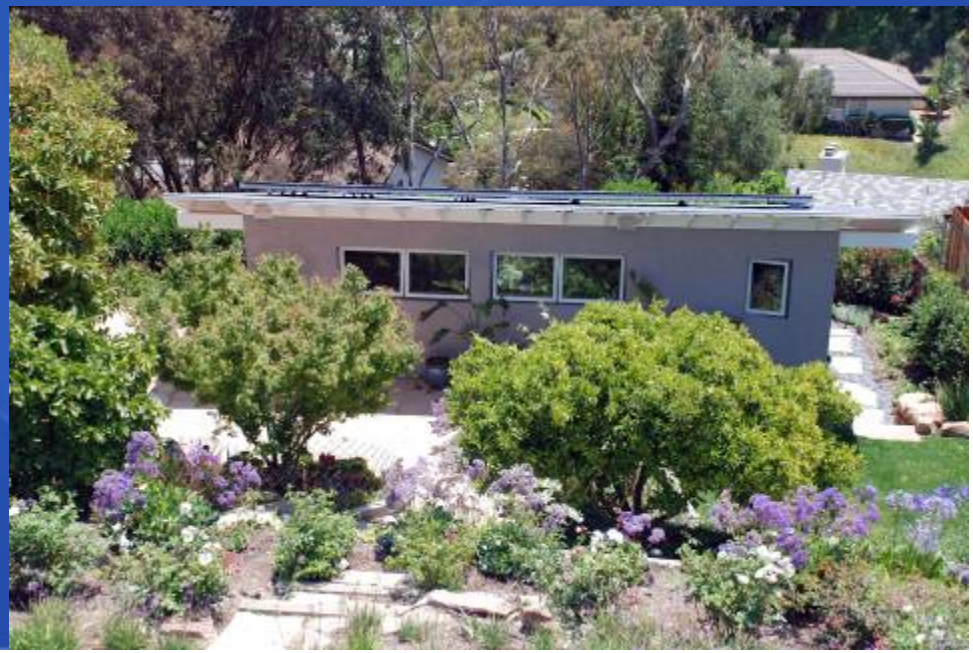
Architect: Thompson-Naylor

Passive Solar

1339 Rialto

Owners: John C. & Karen C. Jostes

Architect: Thompson-Naylor



Active Solar Certificate Example
Not Publicly Visible: Ideal Site

647 Sea Ranch **5.6 kW**

Active Solar Certificate Example
Not Publicly Visible: Ideal Site

802 Alameda Padre Serra 4.0 kW

Owner:

Contractor:

Certificate Category 1
Standard System: Ideal Site

2425 Santa Barbara 8.32 kw

Owner: Chris Bellamy

Contractor: Solar Electrical Systems

Active Solar Category 2
Design Challenge: Carefully Designed

900 Calle De Los Amigos

Owner: American Baptist Church, Valle Verde

Contractor: REC Solar